



Director: Debra K. Kenerson
P.O. Box 41505
Nashville, TN 37204-1505
1-800-626-0987

<http://www.nass.usda.gov/tn>

Released Weekly April - November

2005 Weather Crop 19

Issued 3:00 P.M. 08/08/2005

Week Ending August 7, 2005

HOT, DRY WEATHER

Dry weather was the major theme of Tennessee agriculture last week. As of last Friday, over half of the land in production was experiencing deficit topsoil moisture supplies. Most crops, however, at weeks end, were enduring the heat and remained rated in mostly good condition. The condition of pastures, late tobacco, and double crop soybeans were the main concern as they are suffering moderate to severe heat-stress and need significant moisture soon. Beyond the worrisome burden of lack of moisture, Tennessee producers last week spent time on many routine activities for this time of the season. Corn silage and tobacco harvest was underway in many locations. Growers also devoted a great deal of time to insect and disease scouting.

As of Friday, topsoil moisture levels were rated 10 percent very short, 41 percent short, 48 percent adequate, and 1 percent surplus. Subsoil moisture levels were rated 8 percent very short, 33 percent short, 58 percent adequate, and 1 percent surplus. Last week, temperatures averaged about normal. Rainfall was only scattered last week and averaged below normal statewide. It ranged from no rainfall to about an inch and a quarter in some portions of the Cumberland Plateau.

CROP PROGRESS: Through August 7, 2005					CONDITION: On August 5, 2005					
Crop	This Week	Last Week	2004	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Exc
Percent					Percent					
Corn - Dough	91	82	95	87	Corn	2	6	25	53	14
Corn - Dent	60	40	72	57	Soybeans	3	6	21	52	18
Corn - Silage Harvested	11	n/a	14	17	Cotton	0	1	13	63	23
Cotton Setting Bolls	99	89	95	91	Tobacco	2	5	25	56	12
Soybeans - Blooming	95	93	81	77	Pastures	2	10	38	46	4
Soybeans - Setting Pods	89	79	62	51	Cattle	0	4	26	59	11
Tobacco Topped	56	41	68	62						
Burley Tobacco Harvested	6	n/a	2	6						
Fire-Cured Tobacco Harvested	10	n/a	8	9						
Air-Cured Tobacco Harvested	4	n/a	1	4						
Alfalfa Hay - 2 nd Cutting	95	92	99	99						

n/a = Not Available

CORN: The corn crop is primarily in the dent stage and is approaching physiological maturity in lower Middle Tennessee and the extreme western portions of the state. Harvest is expected to commence in earnest, on time, the latter part of late this month. The corn crop was rated in mostly good condition.

COTTON: Cotton fruit set continued heavy last week as producers await one or two more two timely rains to finish a very promising crop. Insects remained in-check. The cotton crop was rated 86 percent in the good-to-excellent condition.

SOYBEANS: Farmers applied fungicides last week. Also, scouts have found some incidence of a disease called “Sudden Death Syndrome”. Despite the recent dry weather, as of Sunday, the soybean acreage was rated 70 percent in the good-to-excellent rating. Those 9 percent of the beans rated poor-to-very-poor are predominantly double-cropped following wheat. With the exception of some “wheat bean” acreage, the crop is setting pods.

TOBACCO: The main tobacco activity remained topping and sucker control, as over half the acreage has been through this process. Harvest had begun on a limited scale for most types with fire-cured tobacco being the primary emphasis. The tobacco crop was rated in mostly good condition.

PASTURES & HAY: Summertime heat and a deficit moisture situation are taking their toll on pastures and cattle, but conditions are still fair for this time of year. Pink eye and flies remained an annoyance. Summer hay meadow growth was slow.

County Agent Quote

“Hot, dry weather continues to be the major theme in Weakley County. Soybeans and late planted corn are badly in need of rainfall. Pastures are also taking a beating from the heat and lack of precipitation.”

Jeff Lannom, Weakley County

TEMPERATURES AND PRECIPITATION

For week ending: August 7th, 2005 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending August 7, 2005				Current Week	Rain	Current Since	Departure From	Since April 1	
	HI	LO	AVG	DFN	08/07/05	Days	January 1	Normal	Total	DFN
Ames_Plantation	95	67	81	+3	0.44	1	33.25	+0.25	1613	+27
Tri-City_RGNL_A	93	59	77	+3	0.01	1	26.97	+0.80	1134	+78
Brownsville_TN	95	68	82	+3	0.79	1	30.20	-2.84	1693	+307
Chattanooga/Lov	93	68	80	+2	0.45	1	31.64	-2.01	1564	+99
Clarksville_Sew	97	67	82	+4	0.99	2	27.14	-4.22	1592	+197
Cookeville	94	64	78	+2	0.04	1	29.95	-5.72	1259	+401
Covington	92	68	80	+1	0.00	0	30.50	-1.97	1557	-60
Crossville_AP	88	64	76	+2	2.74	3	31.56	-3.66	1125	+144
Dickson_AG	95	64	79	+2	0.07	1	28.91	-4.77	1299	-165
Dover_1W	95	67	81	+4	0.00	0	26.85	-5.82	1442	+213
Dyersburg	95	68	81	+2	0.00	0	27.16	-4.22	1707	-16
Erwin_1W	92	62	76	+4	0.14	3	29.74	-1.83	1034	-232
Huntingdon_Wate	94	67	81	+3	0.00	0	29.09	-3.80	1522	+204
Jackson_Exp_Stn	94	67	81	+2	0.16	1	33.86	+0.99	1611	+80
Kingston_AG	93	65	78	+4	2.02	3	35.71	-1.24	1304	+168
Knoxville_AP	95	66	80	+3	0.69	3	26.00	-4.64	1447	+182
Lewisburg	96	63	79	+2	0.87	1	30.50	-4.34	1379	+95
Lexington_TN	94	66	80	+2	0.43	2	31.06	-0.98	1468	+546
Linden	95	66	80	+3	0.99	4	28.90	-6.12	1433	+137
Martin	94	67	80	+3	0.18	2	26.82	-6.35	1540	+67
Mc_Minnville_Tn	92	66	79	+2	0.24	4	25.57	-8.25	1430	-207
Memphis_AG	95	68	82	-1	0.48	2	32.59	+0.53	1728	-190
Milan	95	62	79	+2	0.32	2	30.75	-2.99	1502	+64
Murfreesboro_5N	98	66	81	+3	0.67	1	29.81	-3.42	1485	-137
Nashville_Metro	96	68	83	+4	0.04	1	25.25	-4.59	1668	+139
Newcomb	94	65	78	+6	0.61	2	34.09	-0.41	1203	+285
Oneida	92	64	78	+5	0.66	3	30.79	-3.71	1201	-167
Pikeville	91	67	78	+2	1.29	5	26.04	-7.65	1340	+83
Portland_TN	94	67	80	+4	0.05	1	27.79	-4.69	1464	+211
Pulaski_Water_P	95	66	79	+0	1.73	2	31.95	-2.56	1367	-172
Savannah_6SW	95	65	80	+1	0.25	1	30.74	-5.09	1512	+175
Sparta_TN	92	63	77	+2	0.81	3	30.17	-4.55	1433	+352
Springfield	95	64	80	+4	0.00	0	28.48	-2.81	1413	+143
Springhill	96	65	80	+4	0.09	1	33.78	-1.01	1450	+171
Union_City	94	62	79	+2	0.07	1	30.10	-2.14	1441	+0
Waynesboro_TN	94	67	80	+3	1.37	3	29.62	-7.00	1391	-95

DFN = Departure From Normal (Using 1961-90 Normals Period). GDD = Growing Degree Days.
Precipitation Days = Days with precip of 0.01 inch or more. Precipitation (rain or melted snow/ice) in inches.
Copyright 2004: AWIS, Inc. All Rights Reserved

The Tennessee Agricultural Statistics Service gratefully acknowledges contributions to this publication by:
National Weather Service, and the University of Tennessee's Extension Service.